

WILDLIFE HARVEST STATUS REPORT
SMALL GAME HARVEST SURVEY -- 2007-2008

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INTRODUCTION

The Small Game Harvest Survey has been sent annually, since 1967, to samples of permit holders eligible to hunt small game in Missouri. This mail questionnaire asks permit holders if they hunted small game, how many of each of the small game species they harvested, where they hunted most for each species, and how many days they hunted for each species. This survey is conducted after the end of the small game hunting season (usually in late February).

Beginning with the 1996-97 hunting season, the Small Game Harvest Survey has used the Point of Sale (POS) database of permit buyers to compile the sampling frame. Stratification of the sampling frame has been used to reduce the variation within the estimates, and non-residents have been included in the survey since 1996. Therefore, the results from the 2007-2008 Small Game Harvest Survey should only be compared to the 11 previous survey efforts. For the purposes of this status report, the current year's estimates are compared to the previous year's estimates and the five-year means.

Estimates of hunter numbers, harvest and effort (days afield) were calculated for 18 small game species from the results of the 2007-2008 Small Game Harvest Survey. Questionnaires were mailed to 12,500 people who held one of the following permits allowing them to hunt small game during the 2007-2008 season:

- Resident Small Game Hunting Permit
- Non-Resident Small Game Hunting Permit
- Resident Combination Hunting and Fishing Permit
- Daily Small Game Hunting Permit
- Lifetime Hunting Partner Permit
- Lifetime Conservation Partner Permit

Permits for 2008, sold between December 1, 2007 and February 28, 2008, were also valid during the 2007-2008 small game season and were included in the sampling frame for this survey. Of the 11,920 questionnaires successfully delivered, a total of 5,731 responses were received, representing a 48.1% response rate. Of the surveys received, 5,437 were useable for analysis, representing an adjusted response rate of 45.6%.

HUNTER NUMBERS

Of those 2007 and 2008 permit holders included in our sample, an estimated 66.1% hunted small game, up slightly from 64.7% in 2006-2007. Estimated hunter numbers in 2007-2008 showed potential increases for 10 of the 18 species. Raccoon hunters were the only group that indicated a significant increase in hunter numbers (as identified by non-overlapping 95% confidence intervals) when compared to the previous year (Table 1). Potential increases in hunter numbers were observed for waterfowl and decreases for traditional small game such as rabbit, squirrel, and quail. Overall, estimated hunter numbers appeared to be up slightly, with an estimated 149,662 individuals hunting some species of small game in Missouri, compared to 145,998 hunters in the 2006-2007 season.

HARVEST AND EFFORT

Overall, total days spent afield by hunters for 2007-2008 increased for most popular game species when compared to the previous year's estimates, with the only statistically significant increase (as identified by non-overlapping 95% confidence intervals) observed for raccoon hunters (Table 1).

Hunter success, as estimated by bag per day, appears to have remained relatively stable for most other species compared to last year's estimates, with no statistically significant changes observed (Table 1).

Average season bag was down for 12 of 18 species, although not significantly. Overall, estimated average season bag remained stable (Table 1).

Total harvest estimates showed potential decreases for 11 of the 18 species surveyed. Seven species of small game showed harvest estimates that were potentially higher than the previous year. Overall, however, harvest appears to have remained relatively stable, with no significant changes from the previous year (Table 1).

TABLE 1. Statewide summary for the Small Game Post-season Harvest Survey, 2007-2008, including resident and non-resident hunters.

Species	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
Rabbit	61,738	41.2	1.0	7.0	6.8	429,109	417,906
95% CI	59,001-64,513	39.6-43.0	0.9-1.1	6.3-7.7	6.1-7.5	381,957-481,326	373,305-466,906
%Change from 2006-2007	-0.4	-2.8	-8.8	-0.3	9.4	-0.7	8.9
%Change from 5-year mean	-11.2	-7.1	-18.7	-5.3	15.4	-15.4	3.1
Squirrel	71,949	48.1	1.4	13.2	9.6	952,532	689,714
95% CI	68,995-74,772	46.4-49.8	1.3-1.5	12.2-14.5	8.7-10.5	870,670-1,051,237	623,903-761,713
%Change from 2006-2007	-5.5	-7.8	-9.2	-4.5	4.6	-9.7	-1.1
%Change from 5-year mean	-9.3	-5.2	-11.0	9.2	21.8	-0.7	10.5
Quail	27,830	18.6	1.6	9.3	5.9	258,448	163,364
95% CI	25,888-29,912	17.3-19.9	1.4-1.8	8.2-10.4	5.3-6.5	224,829-296,324	145,526-184,373
%Change from 2006-2007	-7.6	-9.8	-0.6	-4.2	-4.1	-11.5	-11.3
%Change from 5-year mean	-28.2	-24.9	-4.5	-8.4	-4.5	-34.3	-31.4
Dove	37,395	25.0	4.1	17.8	4.4	666,420	163,504
95% CI	35,136-39,770	23.5-26.5	3.7-4.5	16.6-19.2	4.0-4.8	605,833-728,970	146,439-180,617
%Change from 2006-2007	-9.3	-11.5	3.6	-3.3	-6.8	-12.3	-15.3
%Change from 5-year mean	-5.2	-0.9	-2.5	-3.5	-1.2	-8.5	-6.1
Pheasant	10,102	6.8	0.6	3.0	5.0	30,859	50,417
95% CI	8,906-11,376	6.0-7.6	0.5-0.8	2.4-3.9	4.2-5.8	23,215-40,216	40,619-60,766
%Change from 2006-2007	-3.2	-5.6	-3.2	-7.3	-4.6	-10.0	-7.6
%Change from 5-year mean	-12.6	-8.8	17.9	17.9	-1.1	3.5	-13.4
Woodcock	1,335	0.9	0.3	1.2	5.0	1,636	6,626
95% CI	843-1,811	0.6-1.2	0.1-0.6	0.7-1.8	2.5-8.0	862-2,533	2,735-11,480
%Change from 2006-2007	-7.3	-10.1	-37.2	-36.9	6.5	-41.7	-1.1
%Change from 5-year mean	-22.5	-19.3	-55.7	-51.8	8.2	-62.8	-16.3
Crow	7,807	5.2	1.4	8.6	6.1	66,770	47,686
95% CI	6,691-8,964	4.5-6.0	1.0-1.9	6.8-10.6	4.5-8.1	50,956-85,022	33,283-64,982
%Change from 2006-2007	-12.6	-14.7	-34.6	-35.3	-1.3	-43.4	-13.8
%Change from 5-year mean	-31.6	-28.3	-23.3	-26.1	-2.6	-48.7	-32.5

Species	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
Groundhog	3,693	2.5	0.6	3.2	5.6	11,960	20,797
95% CI	2,963-4,475	2.0-3.0	0.4-0.7	2.2-4.8	3.9-7.7	7,412-17,677	13,241-30,166
%Change from 2006-2007	14.4	11.8	13.7	-31.9	-40.7	-22.4	-32.1
%Change from 5-year mean	-12.6	-8.7	40.6	15.8	-28.5	1.0	-36.7
Raccoon	12,679	8.5	0.9	17.2	18.3	217,635	232,307
95% CI	11,264-14,088	7.5-9.4	0.8-1.1	13.9-20.6	15.3-21.5	168,784-269,174	186,414-280,714
%Change from 2006-2007	31.3	28.1	0.0	17.5	17.7	54.4	54.5
%Change from 5-year mean	4.3	9.3	-8.7	18.6	31.7	26.0	39.2
Gray Fox	1,866	1.2	0.1	1.1	11.2	2,134	20,784
95% CI	1,335-2,416	0.9-1.6	0.1-0.2	0.6-1.9	6.6-17.4	846-3,620	10,656-34,879
%Change from 2006-2007	22.0	19.0	-28.6	28.1	85.5	56.6	125.1
%Change from 5-year mean	16.8	22.9	14.3	19.4	-0.2	41.9	17.5
Red Fox	2,662	1.8	0.1	1.0	8.0	2,774	21,154
95% CI	2,018-3,313	1.3-2.2	0.1-0.2	0.7-1.5	5.6-10.6	1,654-4,177	13,337-30,712
%Change from 2006-2007	27.7	24.5	-7.1	20.9	31.6	54.4	67.7
%Change from 5-year mean	11.9	16.7	40.5	-2.6	-32.1	7.8	-24.8
Coyote	22,310	14.9	0.2	2.5	10.1	55,097	225,835
95% CI	20,554-24,063	13.8-16.0	0.2-0.3	2.1-2.8	8.4-12.2	46,544-64,685	184,503-277,705
%Change from 2006-2007	10.5	7.8	-21.9	-15.1	10.6	-6.4	22.1
%Change from 5-year mean	-1.0	3.4	4.2	-7.1	-11.1	-7.2	-12.2
Bobcat	4,785	3.2	0.1	0.7	12.8	3,532	61,103
95% CI	3,946-5,752	2.6-3.8	0.0-0.1	0.5-1.0	9.6-16.6	2,328-4,880	42,952-84,523
%Change from 2006-2007	11.7	9.2	-14.3	60.9	81.7	78.5	102.8
%Change from 5-year mean	14.3	19.4	-14.3	27.0	53.9	46.2	77.3
Opossum	4,966	3.3	0.7	10.2	14.2	50,585	70,703
95% CI	4,007-5,873	2.7-3.9	0.4-1.1	5.8-16.1	10.3-18.9	26,829-80,275	47,538-98,751
%Change from 2006-2007	24.1	21.2	18.0	47.8	25.7	83.8	55.9
%Change from 5-year mean	10.2	14.5	7.9	46.2	34.6	60.4	47.3

Species	Total Hunters	% Of Hunting Pressure	Bag Per Day	Avg. Season Bag	Avg. Days Afield	Total Harvest	Total Days Afield
Ruffed Grouse	331	0.2	0.2	1.3	4.6	429	1,541
95% CI	119-570	0.1-0.4	0-0.8	0-4.6	1.7-8.8	0-1,282	272-3,325
% Change from 2006-2007	-20.2	-21.4	-58.3	-29.1	51.1	-42.1	24.4
% Change from 5-year mean	144.7	151.4	203.0	326.4	31.9	1295.1	478.8
Ducks	34,990	23.4	1.8	17.6	9.8	616,373	344,570
95% CI	32,545-37,340	21.8-24.9	1.6-1.9	16.1-19.2	9.0-10.7	547,293-688,312	306,402-382,787
% Change from 2006-2007	8.1	5.5	-8.2	-6.2	2.6	1.4	10.9
% Change from 5-year mean	-1.7	2.5	18.0	31.6	11.7	29.6	9.7
Canada Geese	15,139	10.1	0.6	5.0	7.6	74,955	115,015
95% CI	13,547-16,924	9.1-11.3	0.6-0.8	4.0-6.0	6.7-8.6	58,255-93,085	95,796-134,789
% Change from 2006-2007	15.6	12.8	14.0	4.2	-9.3	20.6	4.8
% Change from 5-year mean	-3.0	0.9	15.0	23.4	7.8	19.2	4.3
Snow Geese	6,769	4.5	2.2	19.1	8.8	129,241	59,604
95% CI	5,663-8,046	3.8-5.4	1.4-3.0	11.0-29.5	6.8-11.2	70,767-204,996	42,692-82,209
% Change from 2006-2007	4.3	1.6	-18.2	-4.7	16.4	-0.6	21.6
% Change from 5-year mean	-14.3	-10.3	17.9	58.7	35.0	35.3	16.8

FIGURE 1. Missouri Department of Conservation regions.



TABLE 2. Estimates for rabbit by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	7,626	12.37	0.99	5.50	5.59	41,917	42,649
NORTHEAST	7,505	12.18	1.48	7.13	4.83	53,500	36,259
KANSAS CITY	6,605	10.72	0.67	5.03	7.66	33,198	50,595
CENTRAL	9,474	15.37	1.25	7.15	5.76	67,750	54,581
ST LOUIS	7,115	11.54	1.07	9.28	8.75	66,046	62,314
SOUTHWEST	7,453	12.09	1.15	6.51	5.70	48,496	42,499
OZARK	5,130	8.32	0.86	7.53	8.84	38,657	45,365
SOUTHEAST	9,045	14.67	0.93	7.12	7.70	64,426	69,616

TABLE 3. Estimates for squirrel by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	5,428	7.55	1.07	6.86	6.58	37,237	35,672
NORTHEAST	5,163	7.18	1.35	8.07	5.99	41,666	30,915
KANSAS CITY	6,735	9.36	1.18	10.03	8.57	67,466	57,671
CENTRAL	11,771	16.37	1.44	13.62	9.49	160,371	111,755
ST LOUIS	11,128	15.47	1.42	14.75	10.48	164,120	116,691
SOUTHWEST	8,933	12.42	1.21	10.75	8.98	95,998	80,242
OZARK	9,770	13.58	1.63	19.22	11.83	187,759	115,599
SOUTHEAST	10,826	15.05	1.48	15.54	10.61	168,246	114,849

TABLE 4. Estimates for quail by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	7,108	25.56	1.66	9.53	5.74	67,774	40,753
NORTHEAST	4,771	17.15	1.89	10.41	5.50	49,645	26,251
KANSAS CITY	4,438	15.96	1.38	8.17	5.97	36,242	26,479
CENTRAL	3,465	12.46	1.71	9.01	5.28	31,252	18,293
ST LOUIS	1,238	4.45	1.14	10.55	10.18	13,048	12,612
SOUTHWEST	2,912	10.47	1.81	7.94	4.43	23,107	12,889
OZARK	1,253	4.50	1.60	11.96	7.69	15,003	9,631
SOUTHEAST	1,499	5.39	1.14	7.46	6.56	11,161	9,821

TABLE 5. Estimates for dove by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	3,658	9.79	3.56	14.17	4.07	51,835	14,862
NORTHEAST	3,365	9.00	4.98	18.32	3.68	61,562	12,386
KANSAS CITY	4,869	13.02	3.89	15.94	4.13	77,680	20,099
CENTRAL	3,856	10.31	3.93	16.82	4.30	64,865	16,567
ST LOUIS	6,704	17.93	4.33	19.21	4.48	128,726	30,047
SOUTHWEST	4,549	12.16	4.68	18.45	3.94	83,911	17,935
OZARK	956	2.56	4.03	15.82	3.96	15,037	3,761
SOUTHEAST	7,792	20.84	4.11	18.84	4.60	146,814	35,841

TABLE 6. Estimates for pheasant by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	5,775	57.39	0.46	2.42	5.24	13,957	30,257
NORTHEAST	1,415	14.07	0.32	1.74	5.57	2,463	7,886
KANSAS CITY	438	4.34	2.42	9.41	3.62	4,189	1,607
CENTRAL	717	7.13	1.81	3.43	1.96	2,458	1,413
ST LOUIS	406	4.04	2.79	5.06	1.84	2,037	736
SOUTHWEST	559	5.55	1.09	4.24	3.90	2,318	2,195
OZARK	98	0.97	1.33	3.99	3.00	392	294
SOUTHEAST	194	1.93	0.51	8.76	12.59	1,807	2,556

TABLE 7. Estimates for woodcock by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	213	16.09	0.05	0.11	3.71	24	811
NORTHEAST	170	12.98	0.90	3.26	4.21	559	711
KANSAS CITY	223	16.90	0.31	0.62	7.17	138	1,644
CENTRAL	113	8.57	0.78	1.25	1.64	134	183
ST LOUIS	90	6.87	0.26	0.80	12.79	74	1,259
SOUTHWEST	213	16.20	0.54	1.45	3.27	309	696
OZARK	55	4.10	1.00	2.01	2.01	110	110
SOUTHEAST	240	18.29	0.35	1.07	4.33	252	1,057

TABLE 8. Estimates for crow by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	484	6.18	0.98	8.01	10.32	3,886	5,048
NORTHEAST	578	7.37	1.42	4.42	3.14	2,546	1,808
KANSAS CITY	718	9.16	1.20	9.83	11.64	7,072	8,373
CENTRAL	1,262	16.10	2.01	7.53	3.87	9,510	4,885
ST LOUIS	857	10.93	1.08	4.91	5.24	4,221	4,499
SOUTHWEST	1,653	21.10	1.88	9.87	5.41	16,321	8,916
OZARK	1,412	18.02	1.65	11.21	7.27	15,809	10,312
SOUTHEAST	662	8.44	1.32	4.59	3.82	3,016	2,522

TABLE 9. Estimates for ducks by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	7,093	20.29	1.69	15.84	9.38	112,225	66,464
NORTHEAST	2,509	7.18	1.87	15.84	8.48	39,712	21,224
KANSAS CITY	5,779	16.53	1.99	19.80	9.95	114,402	57,491
CENTRAL	2,440	6.98	2.06	15.05	7.30	36,625	17,775
ST LOUIS	5,795	16.58	1.45	15.61	10.76	90,416	62,357
SOUTHWEST	1,925	5.51	1.81	17.45	9.71	33,583	18,720
OZARK	318	0.91	0.83	6.10	9.04	1,920	2,798
SOUTHEAST	7,053	20.17	2.07	22.67	10.97	159,840	77,323

TABLE 10. Estimates for Canada geese by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	3,182	21.09	0.88	6.00	6.77	19,052	21,495
NORTHEAST	1,230	8.16	0.53	2.81	5.38	3,463	6,592
KANSAS CITY	2,925	19.40	0.72	6.91	9.53	20,198	27,885
CENTRAL	1,314	8.71	0.58	4.58	8.11	6,012	10,643
ST LOUIS	2,987	19.82	0.58	3.87	6.70	11,561	19,999
SOUTHWEST	1,192	7.90	0.50	5.48	11.46	6,522	13,777
OZARK	54	0.36	0.00	0.00	20.10	0	1,092
SOUTHEAST	1,271	8.43	0.34	2.05	6.31	2,605	8,013

TABLE 11. Estimates for snow geese by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	1,663	24.59	3.41	21.62	6.30	36,108	10,467
NORTHEAST	126	1.88	1.54	8.78	6.37	1,074	782
KANSAS CITY	1,275	18.88	0.71	7.67	11.21	9,752	14,310
CENTRAL	267	3.98	1.90	13.31	7.32	3,580	1,955
ST LOUIS	570	8.47	0.40	1.88	4.95	1,067	2,812
SOUTHWEST	312	4.61	2.77	20.28	11.53	5,991	3,912
OZARK	190	2.82	6.02	60.14	10.14	11,642	1,937
SOUTHEAST	1,909	28.23	2.53	27.93	10.56	53,668	20,214

TABLE 12. Estimates for raccoon by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	1,710	13.47	0.92	13.83	15.31	23,620	26,227
NORTHEAST	1,545	12.16	1.85	27.43	14.91	42,396	23,085
KANSAS CITY	1,023	8.06	1.06	18.66	18.88	19,016	19,371
CENTRAL	2,440	19.21	1.03	23.43	22.89	57,286	55,963
ST LOUIS	1,191	9.38	0.66	9.89	15.03	11,770	17,892
SOUTHWEST	1,693	13.32	0.90	19.10	21.01	32,328	35,525
OZARK	1,435	11.29	0.52	11.94	24.54	17,099	35,278
SOUTHEAST	1,202	9.46	0.70	10.02	14.29	12,069	17,189

TABLE 13. Estimates for groundhog by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	254	6.87	0.24	2.13	10.47	531	2,664
NORTHEAST	514	13.94	0.46	2.78	6.34	1,434	3,254
KANSAS CITY	404	10.94	0.47	2.30	5.31	927	2,143
CENTRAL	476	12.90	0.89	3.05	3.54	1,449	1,680
ST LOUIS	388	10.52	0.77	3.66	5.01	1,416	1,940
SOUTHWEST	497	13.47	0.71	3.26	4.51	1,620	2,241
OZARK	442	11.93	0.83	6.33	7.12	2,737	3,119
SOUTHEAST	641	17.31	0.51	2.69	5.97	1,732	3,833

TABLE 14. Estimates for gray fox by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	391	20.89	0.02	0.30	13.44	116	5,223
NORTHEAST	59	3.13	0.00	0.00	6.02	0	353
KANSAS CITY	217	11.67	0.03	0.36	8.73	78	1,884
CENTRAL	356	18.95	0.20	0.77	5.28	274	1,870
ST LOUIS	235	12.59	0.19	1.52	9.23	360	2,167
SOUTHWEST	221	11.82	0.11	2.98	29.45	669	6,673
OZARK	231	12.22	0.09	0.44	7.96	99	1,931
SOUTHEAST	87	4.68	0.70	1.00	1.53	87	132

TABLE 15. Estimates for red fox by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	606	22.89	0.06	0.36	7.55	220	4,563
NORTHEAST	111	4.18	0.30	0.84	4.32	104	457
KANSAS CITY	405	15.36	0.08	0.65	8.51	265	3,450
CENTRAL	508	19.18	0.17	1.33	8.42	674	4,290
ST LOUIS	336	12.72	0.35	1.77	6.43	606	2,174
SOUTHWEST	262	9.91	0.16	0.83	7.49	218	1,933
OZARK	132	4.94	0.00	0.00	5.60	0	815
SOUTHEAST	99	3.72	0.58	1.00	2.05	99	212

TABLE 16. Estimates for coyote by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	2,995	13.42	0.29	3.80	13.60	11,373	40,683
NORTHEAST	2,487	11.14	0.23	1.32	5.80	3,291	14,415
KANSAS CITY	2,293	10.27	0.18	2.43	16.14	5,577	36,970
CENTRAL	3,226	14.46	0.29	1.95	6.83	6,297	22,062
ST LOUIS	1,779	7.97	0.31	2.02	6.51	3,601	11,597
SOUTHWEST	3,327	14.91	0.24	2.65	11.49	8,825	38,197
OZARK	2,210	9.91	0.21	2.27	10.72	5,008	23,695
SOUTHEAST	2,997	13.43	0.33	2.85	8.89	8,550	26,662

TABLE 17. Estimates for opossum by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	870	17.67	0.30	4.69	16.21	4,068	14,079
NORTHEAST	369	7.51	0.51	3.03	6.91	1,120	2,569
KANSAS CITY	421	8.56	0.70	13.79	27.83	5,781	11,863
CENTRAL	856	17.39	1.18	17.75	14.84	15,222	12,686
ST LOUIS	459	9.31	0.64	7.59	12.75	3,491	5,852
SOUTHWEST	582	11.80	1.29	22.52	15.21	13,169	8,812
OZARK	732	14.84	0.44	7.41	17.14	5,398	12,529
SOUTHEAST	245	4.98	1.50	3.43	2.59	828	634

TABLE 18. Estimates for bobcat by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	1,021	21.35	0.04	0.52	13.35	530	13,685
NORTHEAST	513	10.75	0.06	0.25	4.31	127	2,214
KANSAS CITY	690	14.45	0.04	0.42	10.58	293	7,318
CENTRAL	791	16.55	0.09	1.43	16.87	1,136	13,351
ST LOUIS	158	3.30	0.03	0.30	8.85	48	1,428
SOUTHWEST	693	14.49	0.09	1.21	15.38	842	10,666
OZARK	467	9.77	0.04	0.38	11.72	175	5,500
SOUTHEAST	212	4.45	0.15	1.22	8.93	264	1,926

TABLE 19. Estimates for ruffed grouse by MDC region, 2007-2008 season.

MDC Region	Total Hunters	% Hunting Pressure	Bag/Day	Average Season Bag	Average Days Afield	Total Harvest	Total Days Afield
NORTHWEST	116	34.86	0.00	0.00	3.92	0	470
NORTHEAST	95	29.76	0.00	0.00	4.80	0	456
KANSAS CITY	0	0.00	.	.	.	0	0
CENTRAL	0	0.00	.	.	.	0	0
ST LOUIS	16	5.04	0.00	0.00	2.00	0	32
SOUTHWEST	79	24.04	0.66	5.16	6.13	411	488
OZARK	20	6.29	0.00	0.00	2.99	0	61
SOUTHEAST	0	0.00	.	.	.	0	0